

# **Wisconsin Nonroad Construction Legacy Fleet Diesel Engine Repower Grant Program**

## **Guidelines and Instructions**

### **Funding**

The Wisconsin Department of Transportation has received \$750,000 in grant funds from the U.S. EPA under the Midwest Clean Diesel Initiative to help fund projects that reduce diesel emissions in Wisconsin through engine repowers.

### **Engine Repowers**

Repower refers to the removal of an existing engine and its replacement with a newer or cleaner engine that meets a more stringent set of engine emission standards. Repowers may include engine replacement for use with a cleaner fuel such as compressed natural gas, re-calibrations, and other components or the addition of newer, cleaner technologies to reduce the emissions from the engines.

### **Participation process**

(Use Application Checklist to ensure a complete application. Incomplete applications may be rejected.)

1. **Only one application per fleet or applicant.**
2. Determine eligibility by reviewing the guidelines below.
3. Decide which equipment in your fleet with a Tier 0 engine you want to repower.
4. Obtain price quotes from qualified vendors (base price plus installation).  
*Applicants are encouraged to use a competitive process for obtaining products or services, conducted in a manner providing free and open competition to the maximum extent practicable.*
5. Complete the Wisconsin Nonroad Construction Legacy Fleet Diesel Engine Repower Program application, price quote form, and certification statement form.
6. Submit 2 hard copies of forms and supporting documents (if applicable) and, if possible, a CD with at least the application spreadsheet in electronic format postmarked by August 31, 2009 to:  
Wisconsin Department of Transportation  
Attention: John Glaze  
4802 Sheboygan Avenue, Room 451  
Madison, WI 53707-7965
7. Award recipients will be notified approximately 45 days after application deadline. If grant is awarded, please review, complete and submit contract and other required documents within 30 days of the award notification date.
8. Purchase and install the awarded engine repower.
9. Submit a request for reimbursement with invoice(s) and other required documents.
10. Submit annual report.

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## **Eligibility**

**To be eligible, all of the following must apply:**

### **Eligible equipment**

- The legacy engine to be replaced must operate on diesel fuel.
- The legacy engine to be replaced must currently be classified as Tier 0, i.e. unregulated.
- The replacement engine must minimally be classified by U.S. EPA standards as Tier 1.
- The replacement engine will be of the same type and similar gross vehicle weight rating or horsepower as the engine equipment being replaced; e.g. a 300 horsepower bulldozer is replaced by a bulldozer of similar horsepower.
- The replacement engine will perform the same function as the engine equipment that is being replaced; e.g. an excavator used to dig drainage would be replaced by an excavator that continues to dig drainage.
- The engine being replaced will be scrapped or be returned to the original engine manufacturer for remanufacturing to a cleaner standard.
- The repowered piece of construction equipment is intended to remain in the fleet for at least 3 years or 3,000 hours, whichever comes first.

### **Eligible applicant**

- Wisconsin based transportation construction fleets i.e., headquartered in Wisconsin
- The firm must have bid on WisDOT highway construction project within the last 3 calendar years (CY06 through CY08).
- The bid project must have been in one of the following counties: Door, Kewaunee, Manitowoc, Sheboygan, Ozaukee, Milwaukee, Racine, Kenosha, Walworth, Washington, and Waukesha.
- Applicant owns the equipment.
- Applicant can meet the minimum match requirements. Other federal assistance agreement funds may not be used as cost shares.

### **Eligible strategies, costs and match**

- Applicants can submit only one application, but may list as many qualified pieces of nonroad construction equipment on one application as they desire. Each piece of equipment will be considered separately for a grant award.
- If award requests exceed available grant funds, there will be a lottery to determine award recipients.
- Applicants should prioritize their list of equipment. If a lower priority piece of equipment from a specific fleet is selected for an award, a higher priority piece of equipment from the same fleet may be substituted.
- Awards are capped at a maximum amount of \$30,000 per piece of nonroad construction equipment and are only for the purpose of engine repowers.

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- A grant award covers \$30,000 or 50% of the total engine repower price, whichever is less, excluding installation and optional accessory costs for replacing a Tier 0 engine with a higher tier engine.

### **Ineligible costs**

- Installations purchased before execution of award contract.
- Any installation costs.
- Any optional accessory costs.
- Disposal costs for the replaced Tier 0 engine.
- Engine replacements that would have occurred through normal attrition are considered to be the result of normal fleet turnover and are not eligible for funding under this program.

### **Eligible applicants with eligible equipment, take these steps to apply**

- Obtain written price quote for the engine repower that you wish to have installed under this grant program.
- Complete project application, making sure to prioritize your list.
- Complete and sign Certification Statement.
- Submit 2 hard copies of forms and supporting documents (if applicable) and, if possible, a CD with at least the application spreadsheet in electronic format by August 31, 2009.

### **Requirements, if awarded**

- Sign Agreement with WisDOT and submit with a W-9 Taxpayer Identification Number Verification form and baseline report.
- Purchase and install repower/replacement engine.
- Submit invoices within 120 days for applicable engine repowers.
- Submit proof of appropriate engine disposal for the replaced engine. EPA requires that the engine being replaced must be scrapped, remanufactured by an original engine manufacturer to a cleaner emission standard or rendered permanently disabled. Drilling a hole in the engine block and manifold while retaining possession of the engine is an acceptable scrapping method.
- Submit annual reports.
- Keep equipment for three years or 3,000 hours.

### **Contacts**

John Glaze, (608) 264-9525, [john.glaze@dot.wi.gov](mailto:john.glaze@dot.wi.gov)

Patricia Trainer, (608) 264-7330, [patricia.trainer@dot.wi.gov](mailto:patricia.trainer@dot.wi.gov)